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Application No.: 11/791,410

Docket No.: JCLA12158

AMENDMENTS

In The Claims:

Please amend the claims as follows:

1. (currently amended) A camera module, comprising:

a lens;

a holder having a lower portion, said holder holding said lens;

a flexible circuit board; and

an image sensing and processing unit including an image sensing device and an optional signal processing device stacked on and electrically connected to said image sensing device, said image sensing and processing unit being packaged on one side of said flexible circuit board;

wherein said holder is fixed on said flexible circuit board, said image sensing and processing unit inside said lower portion of said holder[.]; and

a hard plate disposed on the other side of said flexible circuit board corresponding to said image sensing and processing unit.

2. (original) The camera module of claim 1, further comprising a glass layer directly covering said image sensing device.

Claims 3-4 (canceled)

5. (original) The camera module of claim 1, wherein said image sensing device is a CMOS image sensing device.

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6. (original) The camera module of claim 1, wherein said signal processing device includes a digital signal processing chip.

7. (original) The camera module of claim 1, wherein said signal processing device and said image sensing device are electrically connected together by wire bonding.

8. (currently amended) A camera module, comprising:
a lens;
a holder having a lower portion and a bottom, said holder holding said lens;
an image sensing and processing unit including an image sensing device and an optional signal processing device stacked on and electrically connected to said image sensing device;
a plate holding said image sensing and processing unit and covering said bottom of said holder, said image sensing and processing unit being inside said lower portion of said holder; and
at least a flexible circuit board ~~electrically~~ directly connected to said image sensing and processing unit.

9. (original) The camera module of claim 8, further comprising a glass layer directly covering said image sensing device.

10. (original) The camera module of claim 8, wherein said flexible circuit board is electrically connected to said signal processing device.

11. (original) The camera module of claim 8, wherein said flexible circuit board includes a first flexible circuit board electrically connected to said signal processing device and a second

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flexible circuit board electrically connected to said image sensing device.

12. (original) The camera module of claim 11, wherein a viscous layer is between said first flexible circuit board and said second flexible circuit board

13. (original) The camera module of claim 8, wherein said plate includes a plastic plate.

14. (original) The camera module of claim 8, wherein said image sensing device is a CMOS image sensing device.

15. (original) The camera module of claim 8, wherein said signal processing device includes a digital signal processing chip.

16. (original) The camera module of claim 8, wherein said signal processing device and said image sensing device are electrically connected together by wire bonding.

17. (currently amended) A image sensing and processing unit, comprising:

a signal processing device;

an image sensing device stacked on and electrically connected to signal processing device;

and

a circuit board electrically directly connected to at least one of said signal processing device and image sensing device.

18. (original) The unit of claim 17, wherein said circuit board includes a flexible circuit board, and said image sensing device is disposed on said flexible circuit board.

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19. (original) The unit of claim 17, wherein said circuit board includes a flexible circuit board.

20. (original) The unit of claim 17, wherein said circuit board includes one or two flexible circuit boards.